



ENAMEL

CERAMIDE 2K Epoxy Enamel

DESCRIPTION

Glossy paint based on epoxy resin, two-component, for painting concrete floors, sanitary ware and other surfaces.

MAIN FEATURES

- Glossy
- Abrasion resistant
- Resistant to detergents and household solutions
- Decorates and protects

WTO CLASSIFICATION (DIRECTIVE 2004/42/EC)

Special two-component coatings for floors.

European limit for CERAMIDE (PW): 140 g/L (2010). CERAMIDE (A+B) contains a maximum of 140 g/L of VOC.

PREPARATION OF SURFACE

New floor: after the cement has hardened (after a month), make sure that there are no sticky substances (waxes, silicone) that can prevent the full absorption of the paint. The floor must be in good condition and there should be no capillary cracks and moisture.

Put 1-2% hydrochloric acid on the surface and leave until no gas bubbles form, then rinse. If necessary, use parchment paper to check the acidity of the surface, then allow to dry.

Already painted floor: remove the peeled parts of old paint, scrub thoroughly to roughen the surface to facilitate absorption. Fill the imperfections with appropriate floor putty. Rinse with water and detergents removing dirt and oils. Rinse with water and let dry.

Damaged floor: if the floor has signs of breakage or detached pieces, it is necessary to remove them and repair them.

Disinfect thoroughly with detergent and water. Rinse with water and allow to dry. You can add ADDITIVO ANTISDRUCCIOLO, consisting of polyurethane beads, to increase the anti-slip property of the floor.

Sanitary ware, bathtubs, porcelain washbasins: remove peeled or worn parts, scrub thoroughly to roughen the surface to facilitate absorption. Rinse with water and detergents, removing dirt and oils.

Rinse with water and let it dry. Clean well with Acetone to completely remove grease, soap residues, etc.

Apply two coats of CERAMIDE 2K paint. For the 1st layer it is necessary to dilute with 5-10% water. For the 2nd coat, it is recommended not to exceed 5% dilution. Apply the 2nd coat after 18 hours, but do not exceed 72 hours from the first.

SYSTEM IMPLEMENT

Once you have mixed the product with the catalyst (A+B) wait a few minutes from the application. When finished, the mixed products should not be put into the original container. The surface can be put into use after 36-48 hours at a temperature of 20°C. Complete curing that guarantees optimal performance and the best characteristics, is achieved in about 10-12 days at 20°C. Keep in mind that although in outdoor applications all epoxy paints and varnishes tend to lose their shine, their protective properties remain unchanged.

PRACTICES TIPS

Ambient and surface conditions:

The surface must be dry and free of dust, oils and other lubricating substances. Room temperature: minimum +10°C / maximum +35°C. Relative humidity: less than 75%. Surface temperature: minimum +10°C / maximum +35°C.

PRECAUTIONS SECURITY

- Keep the container tightly closed.
- Store it in a cool place away from heat sources.
- No risk labelling is required.
- Instructions for use for the consumer are included in the Package Leaflet.
- Empty containers, or containers with dried product residues, must be disposed of in accordance with local regulations.



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SPECIFICATIONS AND OTHERS TECHNICAL INFORMATION	METHOD	KEY FACTS at 20°C and 60% ☐ ☐ RELATIVE
Overlay Finish and Effects sheen		Glossy Minimum 80% gloss
Πυκνότητα (g/ml)	MPL 007 (UNI 8910)	1,200-1,400 Color 1,010-1,100 Hardener
Viscosity	MPL 021 (ASTM D 2196)	3,000-5,000 color Maximum 250 Hardener
Calculated application amount square meters/liter	MPL 052 (ISO 7254)	10-12
Recommended dry layer thickness µm per pass	MPL 056 (ASTM D 1186)	50-60
Flash Point °C	MPL 046 (UNI 8909)	> 61 (non-flammable)
Content in solids Weight %	MPL 027 (UNI 8906)	50-70 Component A 30-50 Component B
Life Time (in a cool and dry place)	MPL 064 (UNI 10154)	At least 36 months
Dry without sticky texture (hours)	MPL 033	0,5-1
Dry with no residue to the touch (hours)	MPL 033	2-5
Dry (hours)	MPL 033	18-20
Dry that can repainted - coated (hours)	MPL 037	18-72
Shelf life in a container (Hours)		Minimum 3
Suitable to be pressed (Hours)		After 36-48
Suitable to be stepped on by vehicles (Days)		After 10-12
Exterior/interior		No/Yes
Colors		White



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SPECIFICATIONS AND OTHERS TECHNICAL INFORMATION	METHOD	KEY FACTS at 20°C and 60% ☐ % RELATIVE
Binder		Epoxy Resin
Composition		100 grams of varnish & 19 grams of hardener 80ml varnish & 20ml hardener
Tool Cleaning		Soap and water
Solvent		Water
Volume % for roll application	MPL 063	First layer: 5-10% Second layer: maximum 5%
Volume % for brush application	MPL 063	First layer: 5-10% Second layer: maximum 5%
Volume % for application with a paint gun	MPL 063	First layer: 10-20% Second layer: maximum 5-10%

All technical indications contained herein are the result of our best practice, are indicative and They are not a guarantee of results. The data and methods mentioned in this technical data sheet may be modified at any time depending on any changes in production technologies. The application of the products is carried out beyond our control and therefore falls under the sole responsibility of the customer. The correct use of the materials requires compliance with the general instructions for use mentioned on the GENERAL TOPICS page of the PRODUCT INFORMATION SHEETS collection and in particular those indicated in this leaflet, especially with regard to the preparation and suitability of the supports. The technical service of Cromology Italia spa is available to users to provide additional information in relation to those mentioned here. THIS TECHNICAL DATA SHEET CANCELS AND REPLACES ANY PREVIOUS VERSION.

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